Case 1: All test data in one input batch:

{"id":1,"trackId":"749f1259-1e3b-40bc-92dd-142224ea3590","eventTime":"2022-06-23T00:00:55.000+03:00","lon":0.227893604428281,"lat":0.665196507004088}
{"id":2,"trackId":"8034bb7e-260b-4340-9c08-f5ae357ad245","eventTime":"2022-06-23T00:01:58.000+03:00","lon":0.602994134465229,"lat":0.670891438780961}
{"id":3,"trackId":"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73","eventTime":"2022-06-23T00:02:34.000+03:00","lon":0.497244459218679,"lat":0.132842745196235}
{"id":4,"trackId":"8034bb7e-260b-4340-9c08-f5ae357ad245","eventTime":"2022-06-23T00:03:14.000+03:00","lon":0.6538836953106,"lat":0.107052170122542}
{"id":5,"trackId":"8034bb7e-260b-4340-9c08-f5ae357ad245","eventTime":"2022-06-23T00:04:55.000+03:00","lon":0.763325446374881,"lat":0.406879504944238}
{"id":6,"trackId":"8034bb7e-260b-4340-9c08-f5ae357ad245","eventTime":"2022-06-23T00:05:22.000+03:00","lon":0.505284381011548,"lat":0.222161796225816}
{"id":7,"trackId":"749f1259-1e3b-40bc-92dd-142224ea3590","eventTime":"2022-06-23T00:06:42.000+03:00","lon":0.504071655377987,"lat":0.122925369175258}
{"id":8,"trackId":"749f1259-1e3b-40bc-92dd-142224ea3590","eventTime":"2022-06-23T00:07:52.000+03:00","lon":0.544388045329271,"lat":0.529639148362446}
{"id":9,"trackId":"749f1259-1e3b-40bc-92dd-142224ea3590","eventTime":"2022-06-23T00:07:52.000+03:00","lon":0.544388045329271,"lat":0.529639148362446}
{"id":10,"trackId":"749f1259-1e3b-40bc-92dd-142224ea3590","eventTime":"2022-06-23T00:08:31.000+03:00","lon":0.594298442514952,"lat":0.0515273577513775}
{"id":11,"trackId":"749f1259-1e3b-40bc-92dd-142224ea3590","eventTime":"2022-06-23T00:09:25.000+03:00","lon":0.558231083857553,"lat":0.398130129985528}
{"id":12,"trackId":"749f1259-1e3b-40bc-92dd-142224ea3590","eventTime":"2022-06-23T00:10:43.000+03:00","lon":0.764259694270365,"lat":0.422195379622892}
{"id":13,"trackId":"749f1259-1e3b-40bc-92dd-142224ea3590","eventTime":"2022-06-23T00:11:37.000+03:00","lon":0.564555223457754,"lat":0.391626481792312}
{"id":14,"trackId":"749f1259-1e3b-40bc-92dd-142224ea3590","eventTime":"2022-06-23T00:12:30.000+03:00","lon":0.518866908107436,"lat":0.0522639759821863}
{"id":15,"trackId":"749f1259-1e3b-40bc-92dd-142224ea3590","eventTime":"2022-06-23T00:13:12.000+03:00","lon":0.467061065672263,"lat":0.704494992464332}
{"id":16,"trackId":"8034bb7e-260b-4340-9c08-f5ae357ad245","eventTime":"2022-06-23T00:14:14.000+03:00","lon":0.729548791691987,"lat":0.148410502131407}
{"id":17,"trackId":"8034bb7e-260b-4340-9c08-f5ae357ad245","eventTime":"2022-06-23T00:15:03.000+03:00","lon":0.710306878306147,"lat":0.555967587560861}
{"id":18,"trackId":"8034bb7e-260b-4340-9c08-f5ae357ad245","eventTime":"2022-06-23T00:16:04.000+03:00","lon":0.339401480646038,"lat":0.721229310843413}
{"id":19,"trackId":"8034bb7e-260b-4340-9c08-f5ae357ad245","eventTime":"2022-06-23T00:17:27.000+03:00","lon":0.654269970882771,"lat":0.544927802224382}
{"id":20,"trackId":"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73","eventTime":"2022-06-23T00:18:27.000+03:00","lon":0.633806348710528,"lat":0.0895440310696789}
{"id":21,"trackId":"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73","eventTime":"2022-06-23T00:19:50.000+03:00","lon":0.431748291853524,"lat":0.40740051465475}
{"id":22,"trackId":"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73","eventTime":"2022-06-23T00:20:53.000+03:00","lon":0.526385807035516,"lat":0.179707677939455}
{"id":23,"trackId":"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73","eventTime":"2022-06-23T00:21:22.000+03:00","lon":0.509677142750893,"lat":0.182941596767299}
{"id":24,"trackId":"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73","eventTime":"2022-06-23T00:22:10.000+03:00","lon":0.390219176268679,"lat":0.772231319171965}
{"id":25,"trackId":"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73","eventTime":"2022-06-23T00:23:11.000+03:00","lon":0.564986414794132,"lat":0.124542332916076}
{"id":26,"trackId":"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73","eventTime":"2022-06-23T00:24:38.000+03:00","lon":0.673215440224852,"lat":0.5307709771576}

Expected result for track - 8034bb7e-260b-4340-9c08-f5ae357ad245:

{"id":2,"trackId":"8034bb7e-260b-4340-9c08-f5ae357ad245","eventTime":"2022-06-23T00:01:58.000+03:00","lon":0.602994134465229,"lat":0.670891438780961}

{"id":4,"trackId":"8034bb7e-260b-4340-9c08-f5ae357ad245","eventTime":"2022-06-23T00:03:14.000+03:00","lon":0.6538836953106,"lat":0.107052170122542}

{"id":5,"trackId":"8034bb7e-260b-4340-9c08-f5ae357ad245","eventTime":"2022-06-23T00:04:55.000+03:00","lon":0.763325446374881,"lat":0.406879504944238}

{"id":6,"trackId":"8034bb7e-260b-4340-9c08-f5ae357ad245","eventTime":"2022-06-23T00:05:22.000+03:00","lon":0.505284381011548,"lat":0.222161796225816}

{"id":16,"trackId":"8034bb7e-260b-4340-9c08-f5ae357ad245","eventTime":"2022-06-23T00:14:14.000+03:00","lon":0.729548791691987,"lat":0.148410502131407}

{"id":17,"trackId":"8034bb7e-260b-4340-9c08-f5ae357ad245","eventTime":"2022-06-23T00:15:03.000+03:00","lon":0.710306878306147,"lat":0.555967587560861}

{"id":18,"trackId":"8034bb7e-260b-4340-9c08-f5ae357ad245","eventTime":"2022-06-23T00:16:04.000+03:00","lon":0.339401480646038,"lat":0.721229310843413}

{"id":19,"trackId":"8034bb7e-260b-4340-9c08-f5ae357ad245","eventTime":"2022-06-23T00:17:27.000+03:00","lon":0.654269970882771,"lat":0.544927802224382}

1. 2022-06-23T00:01:58.000+03:00 - 2 - final
2. 2022-06-23T00:03:14.000+03:00 - 4
3. 2022-06-23T00:04:55.000+03:00 - 5
4. 2022-06-23T00:05:22.000+03:00 - 6
5. 2022-06-23T00:14:14.000+03:00 - 16 - intermediate + store for next step
6. 2022-06-23T00:15:03.000+03:00 - 17
7. 2022-06-23T00:16:04.000+03:00 - 18
8. 2022-06-23T00:17:27.000+03:00 - 19

Expected result for track - 749f1259-1e3b-40bc-92dd-142224ea3590:

{"id":1,"trackId":"749f1259-1e3b-40bc-92dd-142224ea3590","eventTime":"2022-06-23T00:00:55.000+03:00","lon":0.227893604428281,"lat":0.665196507004088}

1. 2022-06-23T00:00:55.000+03:00 - 1 - final
2. 2022-06-23T00:06:42.000+03:00 - 7
3. 2022-06-23T00:07:52.000+03:00 - 8
4. 2022-06-23T00:07:52.000+03:00 - 9
5. 2022-06-23T00:08:31.000+03:00 - 10
6. 2022-06-23T00:09:25.000+03:00 - 11
7. 2022-06-23T00:10:43.000+03:00 - 12
8. 2022-06-23T00:11:37.000+03:00 - 13 - intermediate + store for next step
9. 2022-06-23T00:12:30.000+03:00 - 14
10. 2022-06-23T00:13:12.000+03:00 - 15

Expected result for track - 2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73:

{"id":3,"trackId":"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73","eventTime":"2022-06-23T00:02:34.000+03:00","lon":0.497244459218679,"lat":0.132842745196235}

1. 2022-06-23T00:02:34.000+03:00 - 3 - final
2. 2022-06-23T00:18:27.000+03:00 - 20 - final
3. 2022-06-23T00:19:50.000+03:00 - 21
4. 2022-06-23T00:20:53.000+03:00 - 22
5. 2022-06-23T00:21:22.000+03:00 - 23
6. 2022-06-23T00:22:10.000+03:00 - 24
7. 2022-06-23T00:23:11.000+03:00 - 25
8. 2022-06-23T00:24:38.000+03:00 - 26
9. 2022-06-23T00:25:16.000+03:00 - 27
10. 2022-06-23T00:26:50.000+03:00 - 28
11. 2022-06-23T00:27:49.000+03:00 - 29
12. 2022-06-23T00:28:46.000+03:00 - 30 - intermediate + store for next step
13. 2022-06-23T00:29:08.000+03:00 - 31

Case 2: track `2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73` data splitted to 3 input batches

Batch 1:

{`"id"`:1,`"trackId"`:`"749f1259-1e3b-40bc-92dd-142224ea3590"`,`"eventTime"`:`"2022-06-23T00:00:55.000+03:00"`,`"lon"`:0.227893604428281,`"lat"`:0.665196507004088}
{`"id"`:2,`"trackId"`:`"8034bb7e-260b-4340-9c08-f5ae357ad245"`,`"eventTime"`:`"2022-06-23T00:01:58.000+03:00"`,`"lon"`:0.602994134465229,`"lat"`:0.670891438780961}
{`"id"`:3,`"trackId"`:`"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73"`,`"eventTime"`:`"2022-06-23T00:02:34.000+03:00"`,`"lon"`:0.497244459218679,`"lat"`:0.132842745196235}
{`"id"`:4,`"trackId"`:`"8034bb7e-260b-4340-9c08-f5ae357ad245"`,`"eventTime"`:`"2022-06-23T00:03:14.000+03:00"`,`"lon"`:0.6538836953106,`"lat"`:0.107052170122542}
{`"id"`:5,`"trackId"`:`"8034bb7e-260b-4340-9c08-f5ae357ad245"`,`"eventTime"`:`"2022-06-23T00:04:55.000+03:00"`,`"lon"`:0.763325446374881,`"lat"`:0.406879504944238}
{`"id"`:6,`"trackId"`:`"8034bb7e-260b-4340-9c08-f5ae357ad245"`,`"eventTime"`:`"2022-06-23T00:05:22.000+03:00"`,`"lon"`:0.505284381011548,`"lat"`:0.222161796225816}
{`"id"`:7,`"trackId"`:`"749f1259-1e3b-40bc-92dd-142224ea3590"`,`"eventTime"`:`"2022-06-23T00:06:42.000+03:00"`,`"lon"`:0.504071655377987,`"lat"`:0.122925369175258}
{`"id"`:8,`"trackId"`:`"749f1259-1e3b-40bc-92dd-142224ea3590"`,`"eventTime"`:`"2022-06-23T00:07:52.000+03:00"`,`"lon"`:0.544388045329271,`"lat"`:0.529639148362446}
{`"id"`:9,`"trackId"`:`"749f1259-1e3b-40bc-92dd-142224ea3590"`,`"eventTime"`:`"2022-06-23T00:07:52.000+03:00"`,`"lon"`:0.544388045329271,`"lat"`:0.529639148362446}
{`"id"`:10,`"trackId"`:`"749f1259-1e3b-40bc-92dd-142224ea3590"`,`"eventTime"`:`"2022-06-23T00:08:31.000+03:00"`,`"lon"`:0.594298442514952,`"lat"`:0.0515273577513775}

Batch 1: group - **749f1259-1e3b-40bc-92dd-142224ea3590**

{`"id"`:1,`"trackId"`:`"749f1259-1e3b-40bc-92dd-142224ea3590"`,`"eventTime"`:`"2022-06-23T00:00:55.000+03:00"`,`"lon"`:0.227893604428281,`"lat"`:0.665196507004088}

{`"id"`:7,`"trackId"`:`"749f1259-1e3b-40bc-92dd-142224ea3590"`,`"eventTime"`:`"2022-06-23T00:06:42.000+03:00"`,`"lon"`:0.504071655377987,`"lat"`:0.122925369175258}

{`"id"`:8,`"trackId"`:`"749f1259-1e3b-40bc-92dd-142224ea3590"`,`"eventTime"`:`"2022-06-23T00:07:52.000+03:00"`,`"lon"`:0.544388045329271,`"lat"`:0.529639148362446}

{`"id"`:9,`"trackId"`:`"749f1259-1e3b-40bc-92dd-142224ea3590"`,`"eventTime"`:`"2022-06-23T00:07:52.000+03:00"`,`"lon"`:0.544388045329271,`"lat"`:0.529639148362446}

{`"id"`:10,`"trackId"`:`"749f1259-1e3b-40bc-92dd-142224ea3590"`,`"eventTime"`:`"2022-06-23T00:08:31.000+03:00"`,`"lon"`:0.594298442514952,`"lat"`:0.0515273577513775}

1. `2022-06-23T00:00:55.000+03:00 - 1 - intermediate + next state`
2. `2022-06-23T00:06:42.000+03:00 - 7`
3. `2022-06-23T00:07:52.000+03:00 - 8`
4. `2022-06-23T00:07:52.000+03:00 - 9`
5. `2022-06-23T00:08:31.000+03:00 - 10`

State for group `749f1259-1e3b-40bc-92dd-142224ea3590` after first batch:
State:
- startEventTime = `2022-06-23T00:00:55.000+03:00`

- events = [{"id":1,...}, {"id":7,...}, {"id":8,...}, {"id":9,...}, {"id":10,...}]

Aggregated Event Result for group 749f1259-1e3b-40bc-92dd-142224ea3590 after first batch:
- trackId = 749f1259-1e3b-40bc-92dd-142224ea3590
- events = [{"id":1,...}, {"id":7,...}, {"id":8,...}, {"id":9,...}, {"id":10,...}]
- eventsCount = 5
- isIntermediate = true

Batch 1: group - 8034bb7e-260b-4340-9c08-f5ae357ad245

1. 2022-06-23T00:01:58.000+03:00 - 2 - intermediate + next state
2. 2022-06-23T00:03:14.000+03:00 - 4
3. 2022-06-23T00:04:55.000+03:00 - 5
4. 2022-06-23T00:05:22.000+03:00 - 6

State for group 8034bb7e-260b-4340-9c08-f5ae357ad245 after first batch:
State:
- startEventTime = 2022-06-23T00:01:58.000+03:00
- events = [{"id":2,...}, {"id":4,...}, {"id":5,...}, {"id":6,...}]

Aggregated Event Result for group 8034bb7e-260b-4340-9c08-f5ae357ad245 after first batch:
- trackId = 8034bb7e-260b-4340-9c08-f5ae357ad245
- events = [{"id":2,...}, {"id":4,...}, {"id":5,...}, {"id":6,...}]
- eventsCount = 4
- isIntermediate = true

Batch 1: group - 2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73
{"id":3,"trackId":"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73","eventTime":"2022-06-23T00:02:34.000+03:00","lon":0.497244459218679,"lat":0.132842745196235}

1. 2022-06-23T00:02:34.000+03:00 - 3 - intermediate + next state

State for group 2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73 after first batch:

State:
- startEventTime = `2022-06-23T00:02:34.000+03:00`
- events = [{`"id"`:`3`,`...`}]

Aggregated Event Result for group `2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73` after first batch:
- trackId = `749f1259-1e3b-40bc-92dd-142224ea3590`
- events = [{`"id"`:`3`,`...`}]
- eventsCount = 1
- isIntermediate = true

Batch 2:

{`"id"`:`11`,`"trackId"`:`"749f1259-1e3b-40bc-92dd-142224ea3590"`,`"eventTime"`:`"2022-06-23T00:09:25.000+03:00"`,`"lon"`:`0.558231083857553`,`"lat"`:`0.398130129985528`}
{`"id"`:`12`,`"trackId"`:`"749f1259-1e3b-40bc-92dd-142224ea3590"`,`"eventTime"`:`"2022-06-23T00:10:43.000+03:00"`,`"lon"`:`0.764259694270365`,`"lat"`:`0.422195379622892`}
{`"id"`:`13`,`"trackId"`:`"749f1259-1e3b-40bc-92dd-142224ea3590"`,`"eventTime"`:`"2022-06-23T00:11:37.000+03:00"`,`"lon"`:`0.564555223457754`,`"lat"`:`0.391626481792312`}
{`"id"`:`14`,`"trackId"`:`"749f1259-1e3b-40bc-92dd-142224ea3590"`,`"eventTime"`:`"2022-06-23T00:12:30.000+03:00"`,`"lon"`:`0.518866908107436`,`"lat"`:`0.0522639759821863`}
{`"id"`:`15`,`"trackId"`:`"749f1259-1e3b-40bc-92dd-142224ea3590"`,`"eventTime"`:`"2022-06-23T00:13:12.000+03:00"`,`"lon"`:`0.467061065672263`,`"lat"`:`0.704494992464332`}
{`"id"`:`16`,`"trackId"`:`"8034bb7e-260b-4340-9c08-f5ae357ad245"`,`"eventTime"`:`"2022-06-23T00:14:14.000+03:00"`,`"lon"`:`0.729548791691987`,`"lat"`:`0.148410502131407`}
{`"id"`:`17`,`"trackId"`:`"8034bb7e-260b-4340-9c08-f5ae357ad245"`,`"eventTime"`:`"2022-06-23T00:15:03.000+03:00"`,`"lon"`:`0.710306878306147`,`"lat"`:`0.555967587560861`}
{`"id"`:`18`,`"trackId"`:`"8034bb7e-260b-4340-9c08-f5ae357ad245"`,`"eventTime"`:`"2022-06-23T00:16:04.000+03:00"`,`"lon"`:`0.339401480646038`,`"lat"`:`0.721229310843413`}
{`"id"`:`19`,`"trackId"`:`"8034bb7e-260b-4340-9c08-f5ae357ad245"`,`"eventTime"`:`"2022-06-23T00:17:27.000+03:00"`,`"lon"`:`0.654269970882771`,`"lat"`:`0.544927802224382`}
{`"id"`:`20`,`"trackId"`:`"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73"`,`"eventTime"`:`"2022-06-23T00:18:27.000+03:00"`,`"lon"`:`0.633806348710528`,`"lat"`:`0.0895440310696789`}

Batch 2: group - `749f1259-1e3b-40bc-92dd-142224ea3590`
{`"id"`:`11`,`"trackId"`:`"749f1259-1e3b-40bc-92dd-142224ea3590"`,`"eventTime"`:`"2022-06-23T00:09:25.000+03:00"`,`"lon"`:`0.558231083857553`,`"lat"`:`0.398130129985528`}
{`"id"`:`12`,`"trackId"`:`"749f1259-1e3b-40bc-92dd-142224ea3590"`,`"eventTime"`:`"2022-06-23T00:10:43.000+03:00"`,`"lon"`:`0.764259694270365`,`"lat"`:`0.422195379622892`}
{`"id"`:`13`,`"trackId"`:`"749f1259-1e3b-40bc-92dd-142224ea3590"`,`"eventTime"`:`"2022-06-23T00:11:37.000+03:00"`,`"lon"`:`0.564555223457754`,`"lat"`:`0.391626481792312`}
{`"id"`:`14`,`"trackId"`:`"749f1259-1e3b-40bc-92dd-142224ea3590"`,`"eventTime"`:`"2022-06-23T00:12:30.000+03:00"`,`"lon"`:`0.518866908107436`,`"lat"`:`0.0522639759821863`}
{`"id"`:`15`,`"trackId"`:`"749f1259-1e3b-40bc-92dd-142224ea3590"`,`"eventTime"`:`"2022-06-23T00:13:12.000+03:00"`,`"lon"`:`0.467061065672263`,`"lat"`:`0.704494992464332`}

State for group `749f1259-1e3b-40bc-92dd-142224ea3590` after first batch:
State:
- startEventTime = `2022-06-23T00:00:55.000+03:00`
- events = [{`"id"`:`1`,`...`}, {`"id"`:`7`,`...`}, {`"id"`:`8`,`...`}, {`"id"`:`9`,`...`}, {`"id"`:`10`,`...`}]

1. `2022-06-23T00:09:25.000+03:00 - 11`
2. `2022-06-23T00:10:43.000+03:00 - 12 - this event + state = final result`
3. `2022-06-23T00:11:37.000+03:00 - 13`
4. `2022-06-23T00:12:30.000+03:00 - 14`
5. `2022-06-23T00:13:12.000+03:00 - 15 - intermediate result + next state`

State for group `749f1259-1e3b-40bc-92dd-142224ea3590` after second batch:
State:
- startEventTime = `2022-06-23T00:10:43.000+03:00`
- events = [`{"id":13,...}`, `{"id":14,...}`, `{"id":15,...}`]

Aggregated Event Results for group `749f1259-1e3b-40bc-92dd-142224ea3590` after second batch:
- First result
  - trackId = `749f1259-1e3b-40bc-92dd-142224ea3590`
  - events = [`{"id":1,...}`, `{"id":7,...}`, `{"id":8,...}`, `{"id":9,...}`, `{"id":10,...}`, `{"id":11,...}`, `{"id":12,...}`]
  - eventsCount = 7
  - isIntermediate = false
- Second result
  - trackId = `749f1259-1e3b-40bc-92dd-142224ea3590`
  - events = [`{"id":13,...}`, `{"id":14,...}`, `{"id":15,...}`]
  - eventsCount = 3
  - isIntermediate = true

Batch 2: group - `8034bb7e-260b-4340-9c08-f5ae357ad245`
`{"id":16,"trackId":"8034bb7e-260b-4340-9c08-f5ae357ad245","eventTime":"2022-06-23T00:14:14.000+03:00","lon":0.729548791691987,"lat":0.148410502131407}`
`{"id":17,"trackId":"8034bb7e-260b-4340-9c08-f5ae357ad245","eventTime":"2022-06-23T00:15:03.000+03:00","lon":0.710306878306147,"lat":0.555967587560861}`
`{"id":18,"trackId":"8034bb7e-260b-4340-9c08-f5ae357ad245","eventTime":"2022-06-23T00:16:04.000+03:00","lon":0.339401480646038,"lat":0.721229310843413}`
`{"id":19,"trackId":"8034bb7e-260b-4340-9c08-f5ae357ad245","eventTime":"2022-06-23T00:17:27.000+03:00","lon":0.654269970882771,"lat":0.544927802224382}`
State for group `8034bb7e-260b-4340-9c08-f5ae357ad245` after first batch:
State:
- startEventTime = `2022-06-23T00:01:58.000+03:00`
- events = [`{"id":2,...}`, `{"id":4,...}`, `{"id":5,...}`, `{"id":6,...}`]

State is now final result because: `2022-06-23T00:14:14.000+03:00(first event from second batch id16) - 2022-06-23T00:01:58.000+03:00(first event from state id2) >= 10 min`

1. `2022-06-23T00:14:14.000+03:00 - 16 - intermediate + next step`
2. `2022-06-23T00:15:03.000+03:00 - 17`
3. `2022-06-23T00:16:04.000+03:00 - 18`

4. `2022-06-23T00:17:27.000+03:00 - 19`

State for group `8034bb7e-260b-4340-9c08-f5ae357ad245` after second batch:
State:
- startEventTime = `2022-06-23T00:14:14.000+03:00`
- events = [`{"id":16,...}, {"id":17,...}, {"id":18,...}, {"id":19,...}`]

Aggregated Event Results for group `8034bb7e-260b-4340-9c08-f5ae357ad245` after second batch:
- First result
  - trackId = `8034bb7e-260b-4340-9c08-f5ae357ad245`
  - events = [`"id":2,...}, {"id":4,...}, {"id":5,...}, {"id":6,...}`]
  - eventsCount = 4
  - isIntermediate = false
- Second result
  - trackId = `8034bb7e-260b-4340-9c08-f5ae357ad245`
  - events = [`{"id":16,...}, {"id":17,...}, {"id":18,...},` `{"id":19,...}`]
  - eventsCount = 4
  - isIntermediate = true

Batch 2: group - `2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73`
`{"id":20,"trackId":"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73","eventTime":"2022-06-23T00:18:27.000+03:00","lon":0.633806348710528,"lat":0.0895440310696789}`

State for group `2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73` after first batch:
State:
- startEventTime = `2022-06-23T00:02:34.000+03:00`
- events = [`{"id":3,...}`]

State is now final result because: `2022-06-23T00:18:27.000+03:00(first event from second batch id20) - 2022-06-23T00:02:34.000+03:00(first event from state id3) >= 10 min`

1. `2022-06-23T00:02:34.000+03:00 - 20 - intermediate + next step`

State for group `2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73` after second batch:
State:
- startEventTime = `2022-06-23T00:02:34.000+03:00`
- events = [`{"id":20,...}`]

Aggregated Event Results for group `2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73` after second batch:
- First result
  - trackId = `2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73`
  - events = [`"id":3,...}`]
  - eventsCount = 1
  - isIntermediate = false

- Second result
  - trackId = `2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73`
  - events = [{`"id"`:20,...}]
  - eventsCount = 1
  - isIntermediate = true

Batch 3:

{`"id"`:21,`"trackId"`:`"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73"`,`"eventTime"`:`"2022`
`-06-23T00:19:50.000+03:00"`,`"lon"`:0.431748291853524,`"lat"`:0.40740051465475}
{`"id"`:22,`"trackId"`:`"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73"`,`"eventTime"`:`"2022`
`-06-23T00:20:53.000+03:00"`,`"lon"`:0.526385807035516,`"lat"`:0.179707677939455}
{`"id"`:23,`"trackId"`:`"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73"`,`"eventTime"`:`"2022`
`-06-23T00:21:22.000+03:00"`,`"lon"`:0.509677142750893,`"lat"`:0.182941596767299}
{`"id"`:24,`"trackId"`:`"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73"`,`"eventTime"`:`"2022`
`-06-23T00:22:10.000+03:00"`,`"lon"`:0.390219176268679,`"lat"`:0.772231319171965}
{`"id"`:25,`"trackId"`:`"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73"`,`"eventTime"`:`"2022`
`-06-23T00:23:11.000+03:00"`,`"lon"`:0.564986414794132,`"lat"`:0.124542332916076}
{`"id"`:26,`"trackId"`:`"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73"`,`"eventTime"`:`"2022`
`-06-23T00:24:38.000+03:00"`,`"lon"`:0.673215440224852,`"lat"`:0.5307709771576}
{`"id"`:27,`"trackId"`:`"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73"`,`"eventTime"`:`"2022`
`-06-23T00:25:16.000+03:00"`,`"lon"`:0.573250915408031,`"lat"`:0.167310983885916}
{`"id"`:28,`"trackId"`:`"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73"`,`"eventTime"`:`"2022`
`-06-23T00:26:50.000+03:00"`,`"lon"`:0.687022546141769,`"lat"`:0.547469918963258}
{`"id"`:29,`"trackId"`:`"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73"`,`"eventTime"`:`"2022`
`-06-23T00:27:49.000+03:00"`,`"lon"`:0.580410488222464,`"lat"`:0.185151440965078}
{`"id"`:30,`"trackId"`:`"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73"`,`"eventTime"`:`"2022`
`-06-23T00:28:46.000+03:00"`,`"lon"`:0.624553701284097,`"lat"`:0.109585414696552}
{`"id"`:31,`"trackId"`:`"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73"`,`"eventTime"`:`"2022`
`-06-23T00:29:08.000+03:00"`,`"lon"`:0.388593225604423,`"lat"`:0.749856259555024}

Batch 3: group - `749f1259-1e3b-40bc-92dd-142224ea3590`

There are no new events for this group!

State for group `749f1259-1e3b-40bc-92dd-142224ea3590` after second batch:
State:
- startEventTime = `2022-06-23T00:10:43.000+03:00`
- events = [{`"id"`:13,...}, {`"id"`:14,...}, {`"id"`:15,...}]

State for group `749f1259-1e3b-40bc-92dd-142224ea3590` after third batch the same as after second batch:
State:
- startEventTime = `2022-06-23T00:10:43.000+03:00`
- events = [{`"id"`:13,...}, {`"id"`:14,...}, {`"id"`:15,...}]

Batch 3: group - `8034bb7e-260b-4340-9c08-f5ae357ad245`

There are no new events for this group!

State for group `8034bb7e-260b-4340-9c08-f5ae357ad245` after second batch:
State:
- startEventTime = `2022-06-23T00:14:14.000+03:00`
- events = [{`"id"`:16,...}, {`"id"`:17,...}, {`"id"`:18,...}, {`"id"`:19,...}]

State for group **8034bb7e-260b-4340-9c08-f5ae357ad245** after third batch the same as after second batch:

State:

- startEventTime = **2022-06-23T00:14:14.000+03:00**
- events = [{**"id"**:16,...}, {**"id"**:17,...}, {**"id"**:18,...}, {**"id"**:19,...}]

Batch 3: group - **2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73**

{**"id"**:21,**"trackId"**:**"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73"**,**"eventTime"**:**"2022-06-23T00:19:50.000+03:00"**,**"lon"**:0.431748291853524,**"lat"**:0.40740051465475}
{**"id"**:22,**"trackId"**:**"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73"**,**"eventTime"**:**"2022-06-23T00:20:53.000+03:00"**,**"lon"**:0.526385807035516,**"lat"**:0.179707677939455}
{**"id"**:23,**"trackId"**:**"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73"**,**"eventTime"**:**"2022-06-23T00:21:22.000+03:00"**,**"lon"**:0.509677142750893,**"lat"**:0.182941596767299}
{**"id"**:24,**"trackId"**:**"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73"**,**"eventTime"**:**"2022-06-23T00:22:10.000+03:00"**,**"lon"**:0.390219176268679,**"lat"**:0.772231319171965}
{**"id"**:25,**"trackId"**:**"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73"**,**"eventTime"**:**"2022-06-23T00:23:11.000+03:00"**,**"lon"**:0.564986414794132,**"lat"**:0.124542332916076}
{**"id"**:26,**"trackId"**:**"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73"**,**"eventTime"**:**"2022-06-23T00:24:38.000+03:00"**,**"lon"**:0.673215440224852,**"lat"**:0.5307709771576}
{**"id"**:27,**"trackId"**:**"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73"**,**"eventTime"**:**"2022-06-23T00:25:16.000+03:00"**,**"lon"**:0.573250915408031,**"lat"**:0.167310983885916}
{**"id"**:28,**"trackId"**:**"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73"**,**"eventTime"**:**"2022-06-23T00:26:50.000+03:00"**,**"lon"**:0.687022546141769,**"lat"**:0.547469918963258}
{**"id"**:29,**"trackId"**:**"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73"**,**"eventTime"**:**"2022-06-23T00:27:49.000+03:00"**,**"lon"**:0.580410488222464,**"lat"**:0.185151440965078}
{**"id"**:30,**"trackId"**:**"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73"**,**"eventTime"**:**"2022-06-23T00:28:46.000+03:00"**,**"lon"**:0.624553701284097,**"lat"**:0.109585414696552}
{**"id"**:31,**"trackId"**:**"2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73"**,**"eventTime"**:**"2022-06-23T00:29:08.000+03:00"**,**"lon"**:0.388593225604423,**"lat"**:0.749856259555024}

State for group **2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73** after second batch:

State:

- startEventTime = **2022-06-23T00:02:34.000+03:00**
- events = [{**"id"**:20,...}]

1. **2022-06-23T00:19:50.000+03:00 - 21**
2. **2022-06-23T00:20:53.000+03:00 - 22**
3. **2022-06-23T00:21:22.000+03:00 - 23**
4. **2022-06-23T00:22:10.000+03:00 - 24**
5. **2022-06-23T00:23:11.000+03:00 - 25**
6. **2022-06-23T00:24:38.000+03:00 - 26**
7. **2022-06-23T00:25:16.000+03:00 - 27**
8. **2022-06-23T00:26:50.000+03:00 - 28**
9. **2022-06-23T00:27:49.000+03:00 - 29**
10. **2022-06-23T00:28:46.000+03:00 - 30 - intermediate + store for next step**
11. **2022-06-23T00:29:08.000+03:00 - 31**

State for group **2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73** after third batch:

State:

- startEventTime = `2022-06-23T00:28:46.000+03:00`
- events = [{`"id"`:30,...}, {`"id"`:31,...}]

Aggregated Event Results for group `2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73` after third batch:
- First result
  - trackId = `2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73`
  - events = [`"id"`:20,...}, {`"id"`:21,...}, {`"id"`:22,...}, {`"id"`:23,...}, {`"id"`:24,...}, {`"id"`:25,...}, {`"id"`:26,...}, {`"id"`:27,...}, {`"id"`:28,...}, {`"id"`:29,...}]
  - eventsCount = 10
  - isIntermediate = false
- Second result
  - trackId = `2f6ca4e3-8fa9-4cd7-bcc9-67cec7db2a73`
  - events = [{`"id"`:30,...}, {`"id"`:31,...}]
  - eventsCount = 2
  - isIntermediate = true